:BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 1000000.00

Name of Work: Detailed Estimate for the work of Construction of CC road at MIG 3rd phase, cross roads in ward no-04 yelahanka division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Earthwork in execavation for foundation of structure like culverts, retaining wall etc., as per drawing and technical specification, including setting out, construction of shoring and bracing, dressing of sides and bottom, back filling with approved material, disposal of balance earth as per specification, including cost of labour, HOM etc., complete. In all kinds of soil by manual means. (P.No.256, I.No.34.15.1 of PW,P&IWTD S.R 2018-19)	cum							
	for cc road		1	50.00	3.20	0.30	48.00		
			1	60.00	3.00	0.30	54.00		
			1	30.00	3.00	0.30	27.00		
			1	22.00	2.80	0.30	18.48		
							147.48	**190.80**	**28139.00**
	Basic Rate	180.00							
	Area Weightage 6%	10.80							
	Grand Total	190.80							
2	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1 (Page No.133/ Item No 17.1) SR 2018-19	cum							
			Vide Item No. 1				**147.48**	**87.56**	**12913.00**
	Basic Rate for loading and unloading	57.00							
	Basic Rate for Haulage upto 8.00 k.m =1.28 X 2.50 X 8	25.60							
	Basic Rate	82.60							
	Area Weightage 6%	4.96							
	Grand Total	87.56							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB 4-1.2. Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications, MORTH specifications No. 408, (P.No.13, I.No.4-1.2 of PW,P&IWTD S.R 2018-19)	Cum							
	for cc road		1	50.00	3.20	0.15	24.00		
			1	60.00	3.00	0.15	27.00		
			1	30.00	3.00	0.15	13.50		
			1	22.00	2.80	0.15	9.24		
							73.74	**5505.64**	**405986.00**
	Basic Rate	5194.00							
	Area Weightage 6%	311.64							
	Grand Total	5505.64							
7	KSRRB M600-6: cement concrete pavement, construction unreinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with 43 grade cement or any other type as per clause 1051.2.2M20/M30 at 380/450 kg per cum, coarse and fine aggregate conforming to IS: 383, maximum size of coarse aggregate not exceeding 25mm, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including leveling the form work as per drawing,), spreading the concrete with shovels, rackers compacted using needle, scred and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved curing compound, finishing to lines and grade as per drawing complete as per specification M30(at 360kg per cum coarse aggregate @	**Cum**								
	for cc road		1	50.00	3.20	0.15	24.00		
			1	60.00	3.00	0.15	27.00		
			1	30.00	3.00	0.15	13.50		
			1	22.00	2.80	0.15	9.24		
							73.74	**5210.96**	**384256.00**
	Basic Rate	4916.00							
	Area Weightage 6%	294.96							
	Grand Total	5210.96							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Vaccum De- writing with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc. with all lead and lift. Page No 177 Item No 22.7 SR 2018-19	Sqm							
	for cc road		1	50.00	3.20		160.00		
			1	60.00	3.00		180.00		
			1	30.00	3.00		90.00		
			1	22.00	2.80		61.60		
							491.60	**72.08**	**35435.00**
	Basic Rate	68.00							
	Area Weightage 6%	4.08							
	Grand Total	72.08							
9	Providing groove cutting for width of 5mm to 100m depth 80mm-100 including cost of cutting machine, generatoe & HOM of machinery, including cost of blade, coolant etc., including cleaning of groove & providing sand and hot birumen fillars, and filler metal etc., including cost of conveyance of all materials, Labour, lead and lift charges and all other incidental charges as per drawing and as per specifications. do- for concrete pavement Item no 22.8.1 Page No 178 SR 2018-19	Rmt							
	for cc road		16	3.20			51.20		
			20	3.00			60.00		
			10	3.00			30.00		
			8	2.80			22.40		
							163.60	**143.10**	**23411.00**
	Basic Rate	135.00							
	Area Weightage 6%	8.10							
	Grand Total	143.10							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							Sub total		890140
							GST 12%		106817
7	Miscellaneous charges								3043.20
								Total	1000000.00
	(Rupees Ten Lakhs Only)								

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2018-19
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Yelahanka Satellite town Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

Administrative Sanction for Rs. 10.00 Lacs
Ten Lacky only
is accorded under head P-1771
2018-19
Registered as CE No. ..... Subject to conditions contained in enclosed memo No. EE/AA/68/18-19 Dt. 25.02.19

Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 10.00 L
Rupees Ten Lacky only
Under P-1771-2018-19
Registered as CE ( ) No. 99
Subject to conditions contained in enclosed memo EE ( ) No. /9/
Dt. Estimate A/ Sanctioned No. EE/TS/94/18-19
Dated 25.02.19 Rs. 10.00 Lacs

Executive Engineer

150 - YELAHANKA AC

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 4 - YELHANKA SATELLITE TOWN

INDEX

- PROPOSED WARD BOUNDARY
- RIVER/ DRAIN
- RAILWAY LINE
- ROAD

NOTIFICATION NO. UDD 59 MLR 2009. DATE. 15.07.09